

# Southern Region HIV/AIDS Epidemiological Profile

Fourth Quarter 2012

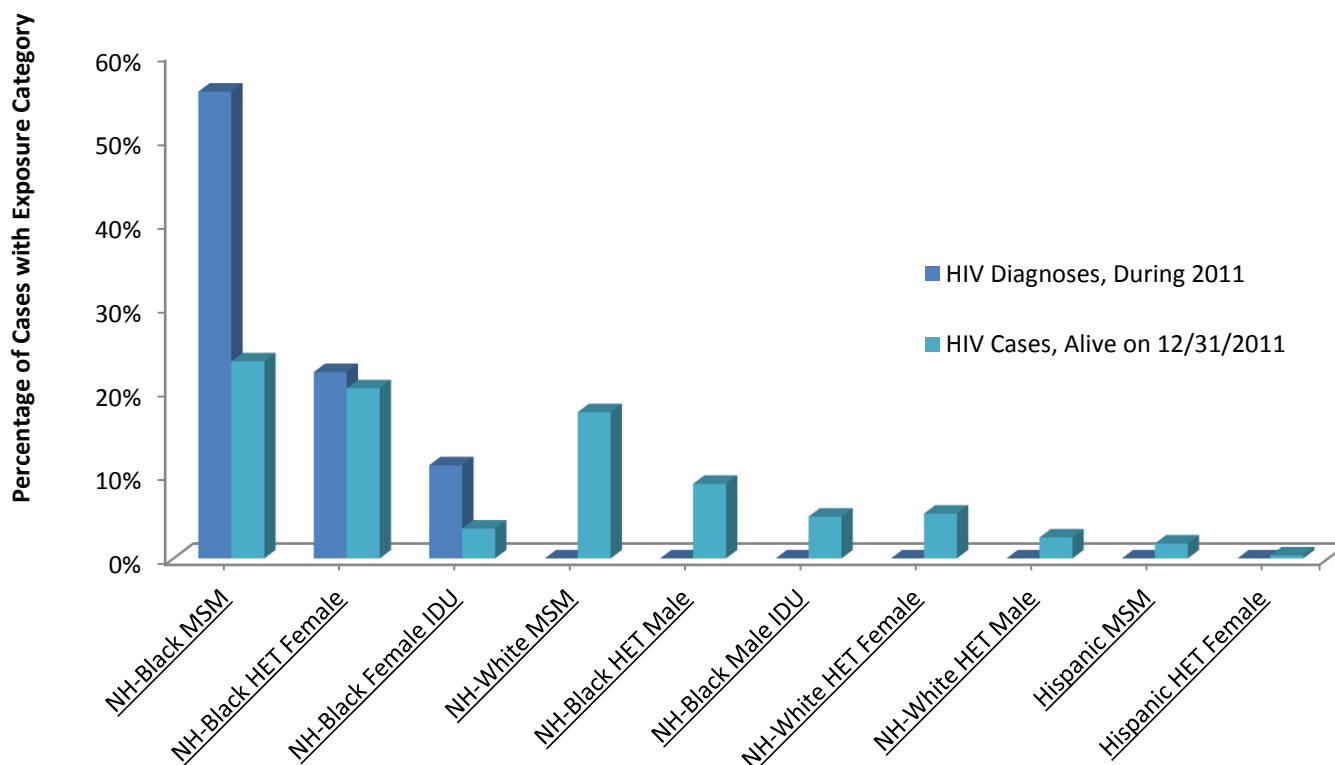
Data reported through December 31, 2012



Center for HIV Surveillance, Epidemiology and Evaluation  
Infectious Disease Bureau  
Prevention and Health Promotion Administration  
Maryland Department of Health and Mental Hygiene  
<http://phpa.dhmh.maryland.gov/oideor/chse>  
1-800-358-9001



Adult/Adolescent HIV Cases with Reported Exposures by Race/Ethnicity, Sex at Birth, and Exposure Categories, Southern Region of Maryland, 2011



## Predominant HIV Risk Groups:

In order to reduce HIV transmissions and improve engagement in care for those infected with HIV, an understanding of the demographic and exposure categories among reported HIV cases is needed to identify the groups most likely to have HIV. In 2011, non-Hispanic (NH) Black males who have sex with males (MSM) accounted for the greatest proportion of new HIV diagnoses (34.1%) followed by NH-Black heterosexual (HET) females (16.6%) and NH-Black heterosexual males (13.2%). This is markedly different from the proportions of living HIV cases where the largest group was NH-Black heterosexual females (18.8%), followed closely by NH-Black MSM (18.4%) and NH-Black male injection drug users (IDU) (17.3%). By identifying the disproportion in the demographic and exposure categories between new and existing HIV cases, resources may be better allocated for prevention, testing, and treatment services.

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## **Section I – Background Information**

### **HIV/AIDS Reporting Requirements**

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmf.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

### **For Assistance with HIV/AIDS Reporting**

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

### **Limitations in the HIV/AIDS Data**

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 18% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

## **Stages of a Case of HIV/AIDS**

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

For surveillance purposes, a case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would have been many years after the initial HIV infection [time point 1].

## **Changes in Case Terminology**

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2011 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2011-12/31/2011, as reported by name through 12/31/2012.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2011 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2011 as reported by name through 12/31/2012.

## **Laboratory Data**

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

## **Sources of Data**

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2012.

Live births are from the Maryland Department of Health and Mental Hygiene's Maryland Vital Statistics Annual Report 2011.

Perinatal exposures and transmissions are from the Maryland Department of Health and Mental Hygiene's Enhanced Perinatal Surveillance System, December 31, 2012.

Population data by sex, age, and race are from the July 1, 2011 U.S. Census Estimates and by country-of-birth from the 2011 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

## **Tabulation of Column Totals**

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

## **Data Suppression**

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

## **On-line Mapping Tool**

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmdh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.



## **HIV Exposure Categories**

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

**MSM (Men who have Sex with Men):** Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

**Injection Drug Use (IDU):** Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

**MSM/IDU:** Men who report a history of sexual contact with other men who also have engaged in injection drug use.

**Heterosexual Exposure (HET):** Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

**Perinatal Exposure:** Any baby born to an HIV-positive mother.

## **Glossary of Terms**

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Age on [date]:** Age group of living cases on the specified date.

**AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Confirmed Perinatal HIV Transmissions:** Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Live Births:** Babies born alive in the general population.

**Living HIV Cases with AIDS:** Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Living HIV Cases without AIDS:** Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Mean Years from AIDS diagnosis to AIDS Death:** Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

**Median:** The measure of central location which divides a set of data into two equal parts.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 400 copies per milliliter or greater.

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Percent Alive by Years after AIDS Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 400 copies per milliliter.

**Percent with AIDS:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

**Percent with AIDS by Years after HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

**Perinatal HIV Transmission Rate:** Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

**Population:** Population estimate for 7/1/2011.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.



**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Reported AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Reported Perinatal HIV Exposures:** Reported babies born to an HIV positive mother during the specified year.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

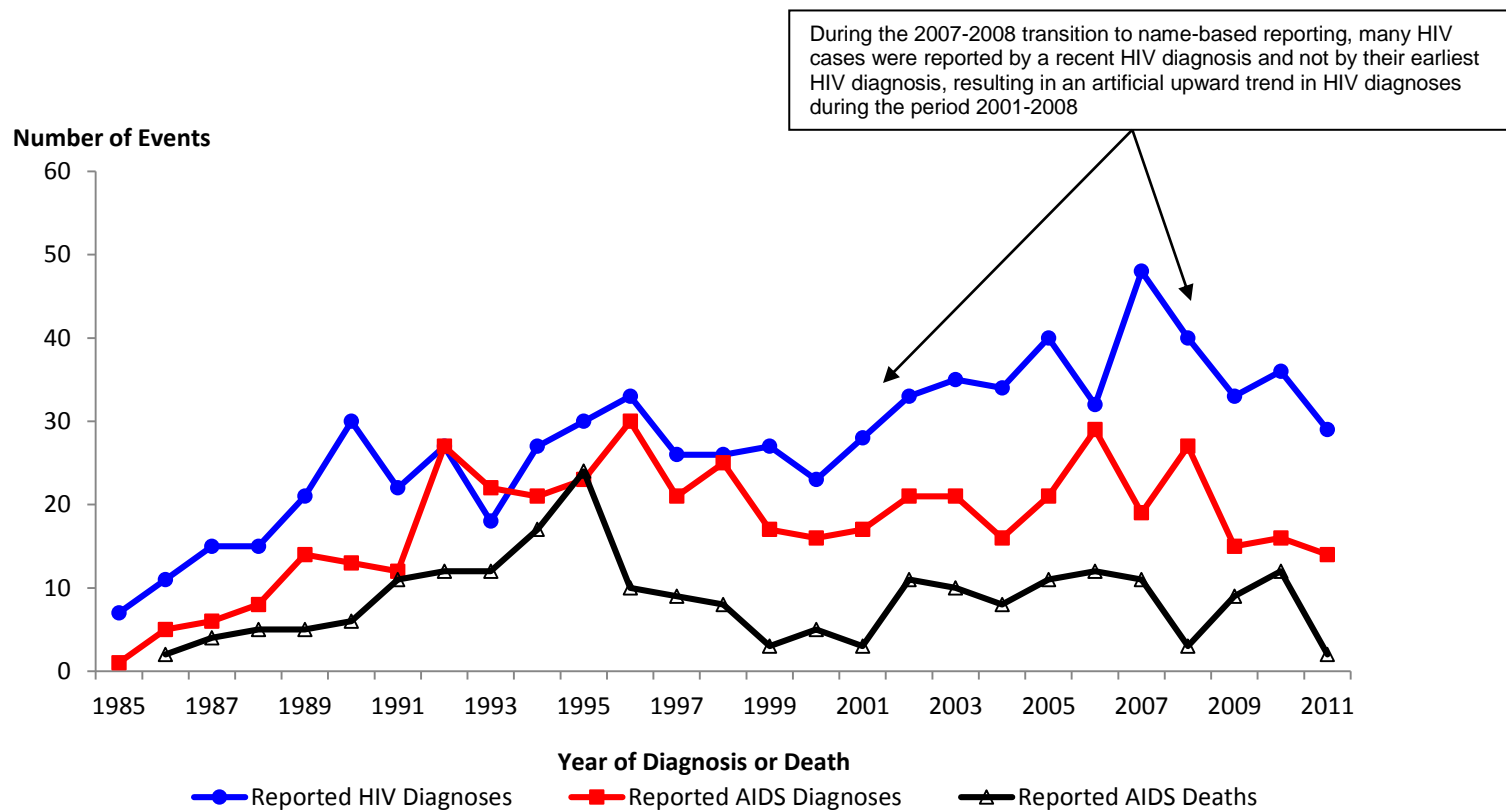
**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Women of Childbearing Age Total Living HIV cases:** Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31<sup>st</sup> of the specified year.

## Section II – Trends 1985-2011

**Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2011, Reported through 12/31/2012**

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2011 as Reported through 12/31/2012

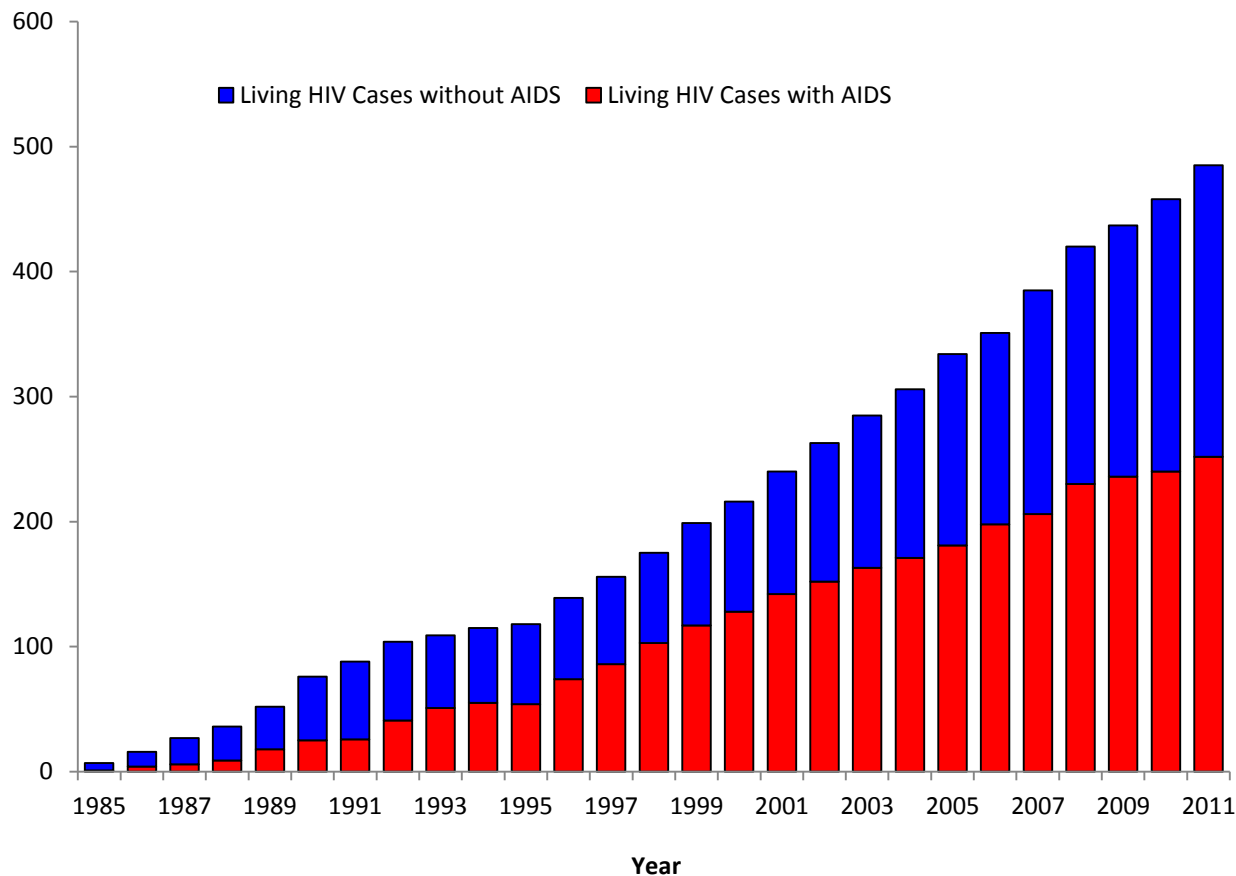


YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	2	1	1	1998	26	25	8
1985	7	1	--	1999	27	17	3
1986	11	5	2	2000	23	16	5
1987	15	6	4	2001	28	17	3
1988	15	8	5	2002	33	21	11
1989	21	14	5	2003	35	21	10
1990	30	13	6	2004	34	16	8
1991	22	12	11	2005	40	21	11
1992	27	27	12	2006	32	29	12
1993	18	22	12	2007	48	19	11
1994	27	21	17	2008	40	27	3
1995	30	23	24	2009	33	15	9
1996	33	30	10	2010	36	16	12
1997	26	21	9	2011	29	14	2
				TOTAL	748	478	226

**Figure 2 – Trends in Living HIV Cases, 1985-2011, Reported through 12/31/2012**

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2011, as Reported through 12/31/2012

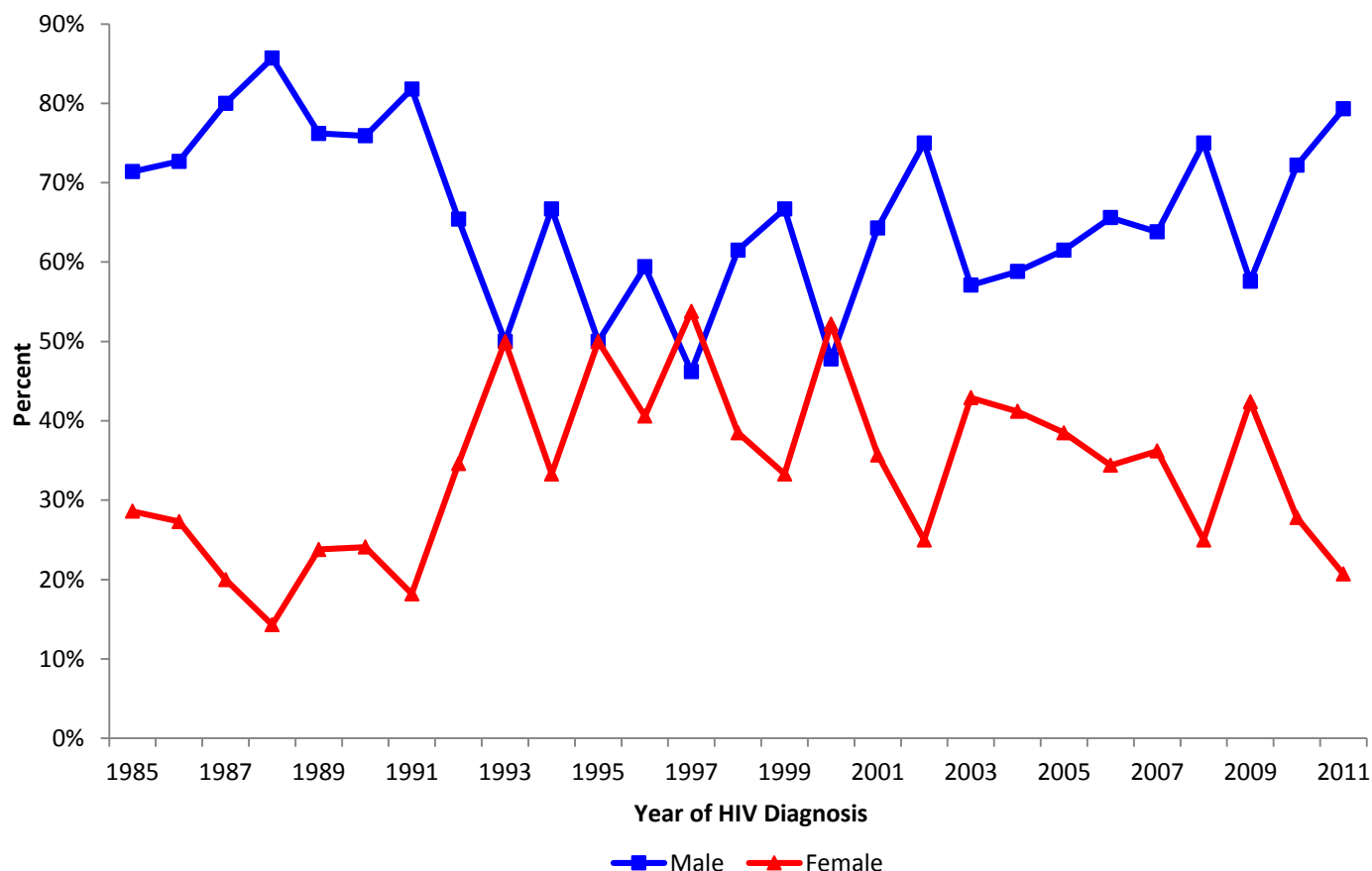
Number of Cases



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	6	1	7	1998	72	103	175
1986	12	4	16	1999	82	117	199
1987	21	6	27	2000	88	128	216
1988	27	9	36	2001	98	142	240
1989	34	18	52	2002	111	152	263
1990	51	25	76	2003	122	163	285
1991	62	26	88	2004	135	171	306
1992	63	41	104	2005	153	181	334
1993	58	51	109	2006	153	198	351
1994	60	55	115	2007	179	206	385
1995	64	54	118	2008	190	230	420
1996	65	74	139	2009	201	236	437
1997	70	86	156	2010	218	240	458
				2011	233	252	485

**Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2011, Reported through 12/31/2012**

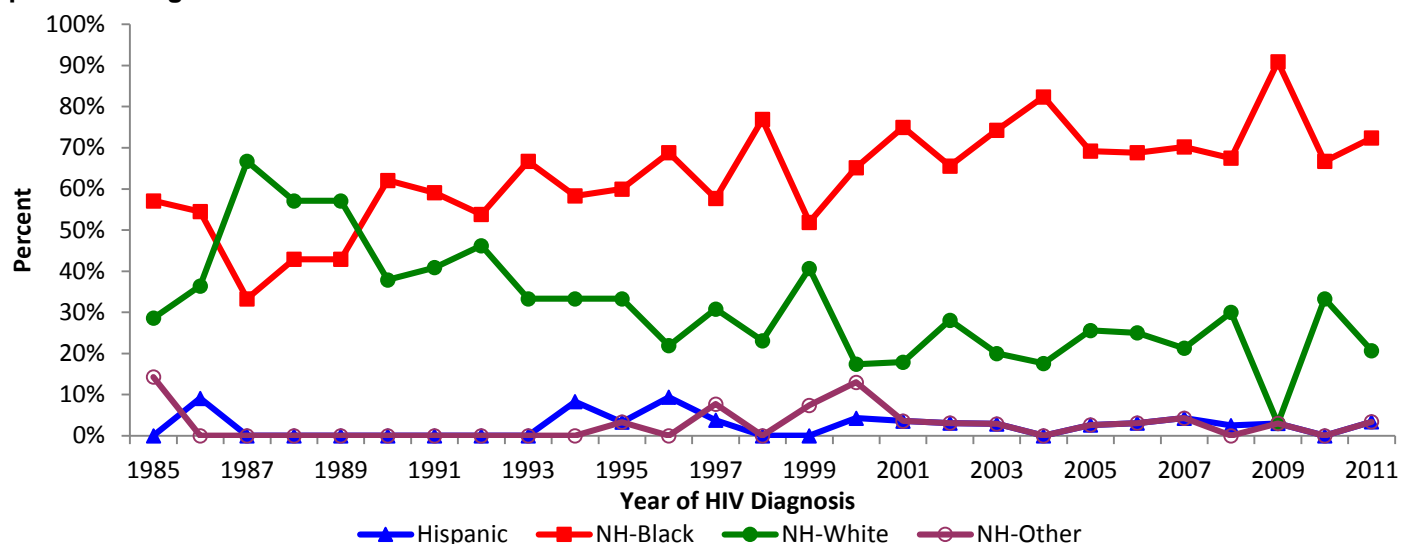
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	2	100.0%	0.0%	1998	26	61.5%	38.5%
1985	7	71.4%	28.6%	1999	27	66.7%	33.3%
1986	11	72.7%	27.3%	2000	23	47.8%	52.2%
1987	15	80.0%	20.0%	2001	28	64.3%	35.7%
1988	14	85.7%	14.3%	2002	32	75.0%	25.0%
1989	21	76.2%	23.8%	2003	35	57.1%	42.9%
1990	29	75.9%	24.1%	2004	34	58.8%	41.2%
1991	22	81.8%	18.2%	2005	39	61.5%	38.5%
1992	26	65.4%	34.6%	2006	32	65.6%	34.4%
1993	18	50.0%	50.0%	2007	47	63.8%	36.2%
1994	24	66.7%	33.3%	2008	40	75.0%	25.0%
1995	30	50.0%	50.0%	2009	33	57.6%	42.4%
1996	32	59.4%	40.6%	2010	36	72.2%	27.8%
1997	26	46.2%	53.8%	2011	29	79.3%	20.7%
				TOTAL	738	65.4%	34.6%

**Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2011, Reported through 12/31/2012**

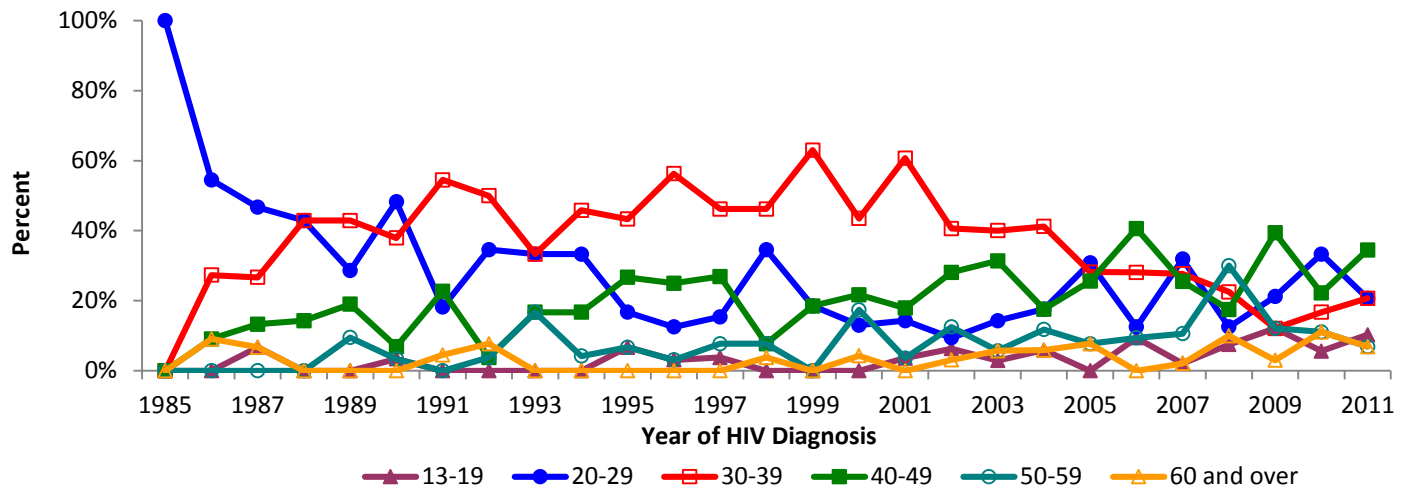
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	2	0.0%	50.0%	50.0%	0.0%
1985	7	0.0%	57.1%	28.6%	14.3%
1986	11	9.1%	54.5%	36.4%	0.0%
1987	15	0.0%	33.3%	66.7%	0.0%
1988	14	0.0%	42.9%	57.1%	0.0%
1989	21	0.0%	42.9%	57.1%	0.0%
1990	29	0.0%	62.1%	37.9%	0.0%
1991	22	0.0%	59.1%	40.9%	0.0%
1992	26	0.0%	53.8%	46.2%	0.0%
1993	18	0.0%	66.7%	33.3%	0.0%
1994	24	8.3%	58.3%	33.3%	0.0%
1995	30	3.3%	60.0%	33.3%	3.3%
1996	32	9.4%	68.8%	21.9%	0.0%
1997	26	3.8%	57.7%	30.8%	7.7%
1998	26	0.0%	76.9%	23.1%	0.0%
1999	27	0.0%	51.9%	40.7%	7.4%
2000	23	4.3%	65.2%	17.4%	13.0%
2001	28	3.6%	75.0%	17.9%	3.6%
2002	32	3.1%	65.6%	28.1%	3.1%
2003	35	2.9%	74.3%	20.0%	2.9%
2004	34	0.0%	82.4%	17.6%	0.0%
2005	39	2.6%	69.2%	25.6%	2.6%
2006	32	3.1%	68.8%	25.0%	3.1%
2007	47	4.3%	70.2%	21.3%	4.3%
2008	40	2.5%	67.5%	30.0%	0.0%
2009	33	3.0%	90.9%	3.0%	3.0%
2010	36	0.0%	66.7%	33.3%	0.0%
2011	29	3.4%	2.4%	20.7%	3.4%
TOTAL	738	2.6%	65.9%	29.1%	2.4%

**Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2011, Reported through 12/31/2012**

Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012

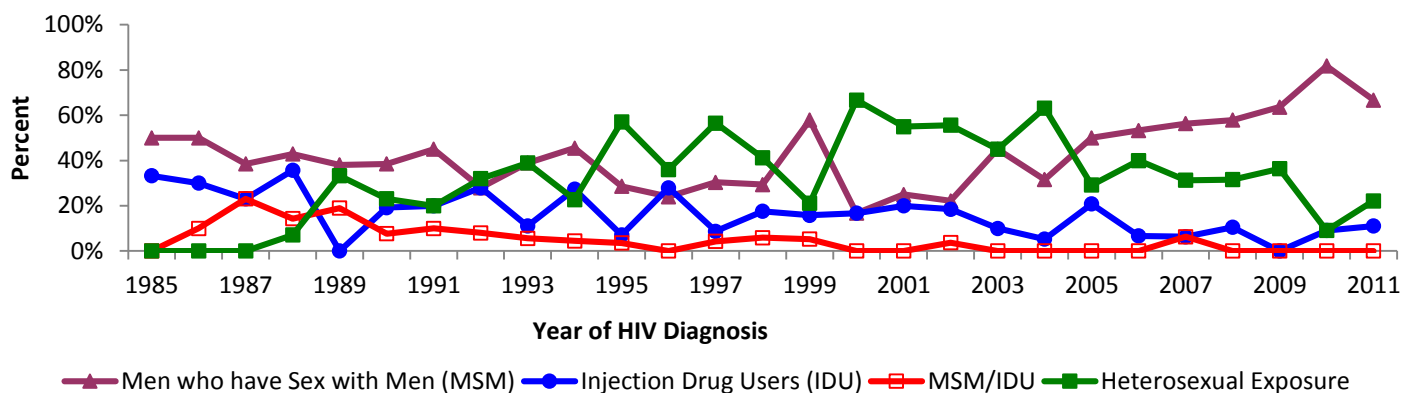


YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	2	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%
1985	7	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
1986	11	0.0%	54.5%	27.3%	9.1%	0.0%	9.1%
1987	15	0.0%	46.7%	26.7%	13.3%	0.0%	6.7%
1988	14	0.0%	42.9%	42.9%	14.3%	0.0%	0.0%
1989	21	0.0%	28.6%	42.9%	19.0%	9.5%	0.0%
1990	29	3.4%	48.3%	37.9%	6.9%	3.4%	0.0%
1991	22	0.0%	18.2%	54.5%	22.7%	0.0%	4.5%
1992	26	0.0%	34.6%	50.0%	3.8%	3.8%	7.7%
1993	18	0.0%	33.3%	33.3%	16.7%	16.7%	0.0%
1994	24	0.0%	33.3%	45.8%	16.7%	4.2%	0.0%
1995	30	6.7%	16.7%	43.3%	26.7%	6.7%	0.0%
1996	32	3.1%	12.5%	56.3%	25.0%	3.1%	0.0%
1997	26	3.8%	15.4%	46.2%	26.9%	7.7%	0.0%
1998	26	0.0%	34.6%	46.2%	7.7%	7.7%	3.8%
1999	27	0.0%	18.5%	63.0%	18.5%	0.0%	0.0%
2000	23	0.0%	13.0%	43.5%	21.7%	17.4%	4.3%
2001	28	3.6%	14.3%	60.7%	17.9%	3.6%	0.0%
2002	32	6.3%	9.4%	40.6%	28.1%	12.5%	3.1%
2003	35	2.9%	14.3%	40.0%	31.4%	5.7%	5.7%
2004	34	5.9%	17.6%	41.2%	17.6%	11.8%	5.9%
2005	39	0.0%	30.8%	28.2%	25.6%	7.7%	7.7%
2006	32	9.4%	12.5%	28.1%	40.6%	9.4%	0.0%
2007	47	2.1%	31.9%	27.7%	25.5%	10.6%	2.1%
2008	40	7.5%	12.5%	22.5%	17.5%	30.0%	10.0%
2009	33	12.1%	21.2%	12.1%	39.4%	12.1%	3.0%
2010	36	5.6%	33.3%	16.7%	22.2%	11.1%	11.1%
2011	29	10.3%	20.7%	20.7%	34.5%	6.9%	6.9%
TOTAL	738	3.9%	24.7%	37.0%	22.2%	8.5%	3.7%



**Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2011, Reported through 12/31/2012**

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/12



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	2	2	100.0%	0.0%	0.0%	0.0%	0.0%
1985	7	6	50.0%	33.3%	0.0%	0.0%	16.7%
1986	11	10	50.0%	30.0%	10.0%	0.0%	10.0%
1987	15	13	38.5%	23.1%	23.1%	0.0%	15.4%
1988	14	14	42.9%	35.7%	14.3%	7.1%	0.0%
1989	21	21	38.1%	0.0%	19.0%	33.3%	9.5%
1990	29	26	38.5%	19.2%	7.7%	23.1%	11.5%
1991	22	20	45.0%	20.0%	10.0%	20.0%	5.0%
1992	26	25	28.0%	28.0%	8.0%	32.0%	4.0%
1993	18	18	38.9%	11.1%	5.6%	38.9%	5.6%
1994	24	22	45.5%	27.3%	4.5%	22.7%	0.0%
1995	30	28	28.6%	7.1%	3.6%	57.1%	3.6%
1996	32	25	24.0%	28.0%	0.0%	36.0%	12.0%
1997	26	23	30.4%	8.7%	4.3%	56.5%	0.0%
1998	26	17	29.4%	17.6%	5.9%	41.2%	5.9%
1999	27	19	57.9%	15.8%	5.3%	21.1%	0.0%
2000	23	18	16.7%	16.7%	0.0%	66.7%	0.0%
2001	28	20	25.0%	20.0%	0.0%	55.0%	0.0%
2002	32	27	22.2%	18.5%	3.7%	55.6%	0.0%
2003	35	20	45.0%	10.0%	0.0%	45.0%	0.0%
2004	34	19	31.6%	5.3%	0.0%	63.2%	0.0%
2005	39	24	50.0%	20.8%	0.0%	29.2%	0.0%
2006	32	15	53.3%	6.7%	0.0%	40.0%	0.0%
2007	47	16	56.3%	6.3%	6.3%	31.3%	0.0%
2008	40	19	57.9%	10.5%	0.0%	31.6%	0.0%
2009	33	11	63.6%	0.0%	0.0%	36.4%	0.0%
2010	36	11	81.8%	9.1%	0.0%	9.1%	0.0%
2011	29	9	66.7%	11.1%	0.0%	22.2%	0.0%
TOTAL	738	498	40.2%	16.1%	4.8%	35.5%	3.4%

## Section III – Adult/Adolescent Cases by Jurisdiction

**Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2012**

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses						
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care
					No. with Test	% with Test	Median Count	
Calvert	74,035	10	34.5%	13.5	***	***	***	***
Charles	122,835	15	51.7%	12.2	10	66.7%	284	66.7%
Saint Mary's	87,631	4	13.8%	4.6	***	***	***	***
REGION TOTAL	284,501	29	100.0%	10.2	23	79.3%	256	75.9%

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 2 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2012**

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Calvert	74,035	1	7.7%	1.4	***	***
Charles	122,835	9	69.2%	7.3	3.4	66.7%
Saint Mary's	87,631	3	23.1%	3.4	***	***
REGION TOTAL	284,501	13	100.0%	4.6	2.4	76.9%

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Calvert	74,035	46	20.0%	62.1	52	20.9%	70.2	98	20.5%	132.4	755
Charles	122,835	145	63.0%	118.0	142	57.0%	115.6	287	59.9%	233.6	427
Saint Mary's	87,631	39	17.0%	44.5	55	22.1%	62.8	94	19.6%	107.3	932
REGION TOTAL	284,501	230	100.0%	80.8	249	100.0%	87.5	479	100.0%	168.4	593

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2011.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, Reported through 12/31/2012**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Calvert	98	40	40.8%	457	15.0%	17.5%	20.0%	47.5%
Charles	287	97	33.8%	473	16.5%	17.5%	19.6%	46.4%
Saint Mary's	94	27	28.7%	521	22.2%	11.1%	11.1%	55.6%
REGION TOTAL	479	164	34.2%	488	17.1%	16.5%	18.3%	48.2%

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Calvert	98	37	37.8%	73.0%	40,145
Charles	287	93	32.4%	65.6%	3,784
Saint Mary's	94	30	31.9%	76.7%	7,230
REGION TOTAL	479	160	33.4%	69.4%	4,631

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

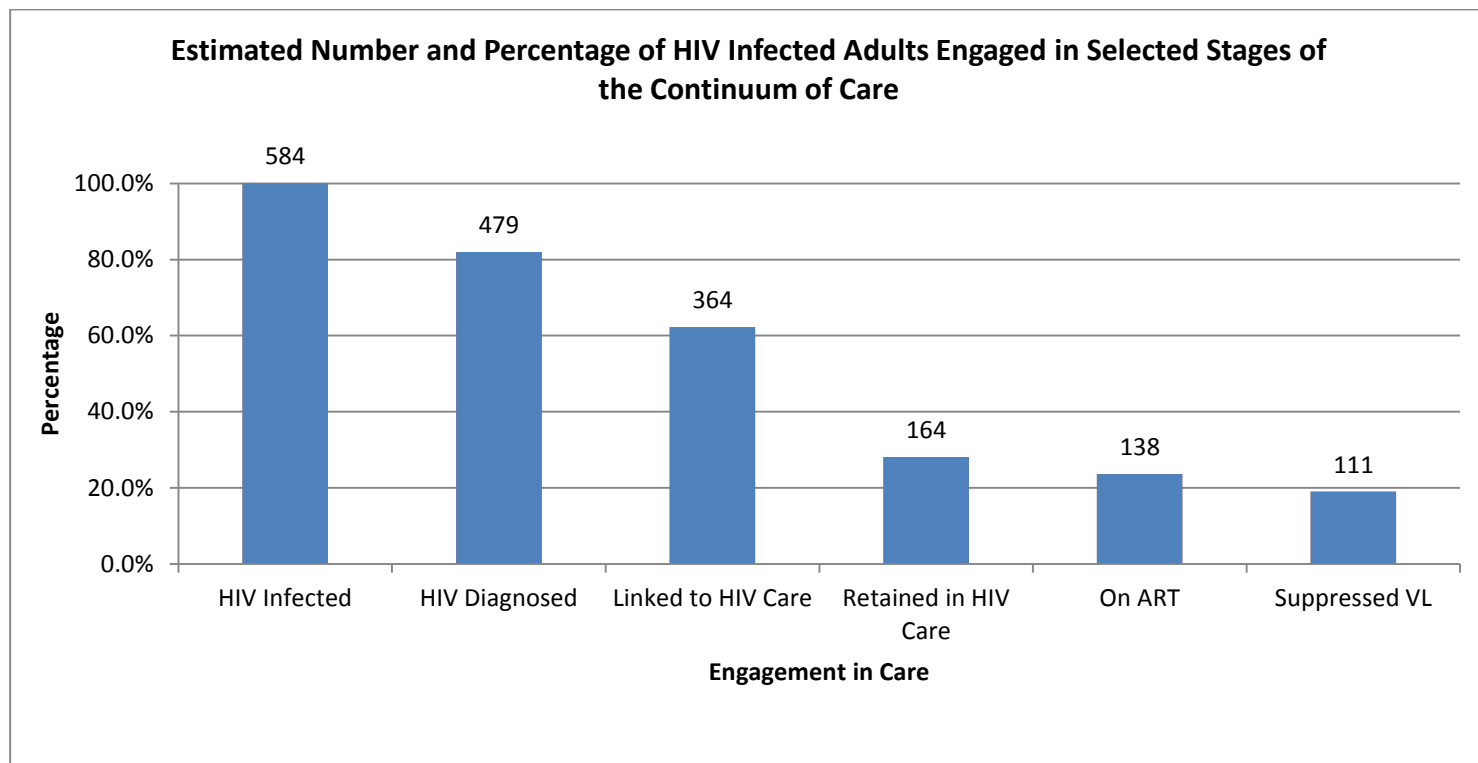
**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 400 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 400 copies per milliliter or greater.

**Figure 7 – Estimated Adult/Adolescent 2011 HIV Continuum of Care, Reported through 12/31/2012**

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (18%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	584	100.0%
HIV Diagnosed	479	82.0%
Linked to HIV Care	364	62.2%
Retained in HIV Care	164	28.1%
On ART	138	23.6%
Suppressed VL	111	19.0%

**HIV Infected:** HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (18%).

**HIV Diagnosed:** Adult/adolescent total living HIV cases as of December 31<sup>st</sup> of the specified year.

**Linked to HIV Care:** HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Suppressed Viral Load:** HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 400 copies per milliliter.

## Section IV – Cases by Age

**Table 6 – HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2012**

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	21,713	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	39,655	0	0.0%	0.0	--	--	--	--	--
13-19	36,887	3	10.3%	8.1	***	***	***	***	***
20-29	42,826	6	20.7%	14.0	6	100.0%	482	83.3%	16.7%
30-39	41,484	6	20.7%	14.5	5	83.3%	6	83.3%	83.3%
40-49	59,089	10	34.5%	16.9	8	80.0%	242	80.0%	30.0%
50-59	50,154	2	6.9%	4.0	***	***	***	***	***
60+	54,062	2	6.9%	3.7	***	***	***	***	***
TOTAL	345,870	29	100.0%	8.4	23	79.3%	256	75.9%	41.4%

\*\*\* Data withheld due to low population counts and/or case counts

**Table 7 – AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2012**

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	21,713	0	0.0%	0.0	--	--
5-12 (Pediatric)	39,655	0	0.0%	0.0	--	--
13-19	36,887	3	21.4%	8.1	***	***
20-29	42,826	1	7.1%	2.3	***	***
30-39	41,484	4	28.6%	9.6	***	***
40-49	59,089	4	28.6%	6.8	***	***
50-59	50,154	1	7.1%	2.0	***	***
60+	54,062	1	7.1%	1.8	***	***
TOTAL	345,870	14	100.0%	4.0	2.5	71.4%

\*\*\* Data withheld due to low population counts and/or case counts

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Population:** Population estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.



**Table 8 – HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012**

AGE ON 12/31/2011	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	21,713	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
5-12 (Pediatric)	39,655	1	0.4%	2.5	1	0.4%	2.5	2	0.4%	5.0	19,827
13-19	36,887	4	1.7%	10.8	5	2.0%	13.6	9	1.9%	24.4	4,098
20-29	42,826	44	18.9%	102.7	11	4.4%	25.7	55	11.3%	128.4	778
30-39	41,484	52	22.3%	125.3	31	12.3%	74.7	83	17.1%	200.1	499
40-49	59,089	80	34.3%	135.4	107	42.5%	181.1	187	38.6%	316.5	315
50-59	50,154	30	12.9%	59.8	77	30.6%	153.5	107	22.1%	213.3	468
60+	54,062	22	9.4%	40.7	20	7.9%	37.0	42	8.7%	77.7	1,287
TOTAL	345,870	233	100.0%	67.4	252	100.0%	72.9	485	100.0%	140.2	713

**Age on [date]:** Age group of living cases on the specified date.

**Population:** Population estimate for 7/1/2011.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012**

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	8	2	25.0%	***	***	***	***	***
20-29	52	18	34.6%	482	11.1%	11.1%	27.8%	50.0%
30-39	83	27	32.5%	436	22.2%	22.2%	11.1%	44.4%
40-49	187	62	33.2%	528	12.9%	14.5%	17.7%	54.8%
50-59	107	38	35.5%	432	21.1%	18.4%	21.1%	39.5%
60+	42	17	40.5%	***	***	***	***	***
TOTAL	479	164	34.2%	488	17.1%	16.5%	18.3%	48.2%

\*\*\* Data withheld due to low population counts and/or case counts

**Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012**

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	8	2	25.0%	***	***
20-29	52	17	32.7%	58.8%	10,910
30-39	83	30	36.1%	46.7%	14,730
40-49	187	57	30.5%	70.2%	1,798
50-59	107	39	36.4%	82.1%	1,000
60+	42	15	35.7%	***	***
TOTAL	479	160	33.4%	69.4%	4,631

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age on [date]:** Age group of living cases on the specified date.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 400 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 400 copies per milliliter or greater.

## Section V – Adult/Adolescent Cases by Demographics

**Table 11 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	138,279	23	79.3%	16.6	17	73.9%	228	69.6%	43.5%
Female	146,222	6	20.7%	4.1	6	100.0%	490	100.0%	33.3%
TOTAL	284,501	29	100.0%	10.2	23	79.3%	256	75.9%	41.4%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	9,984	1	3.4%	10	***	***	***	***	***
Non-Hispanic	274,517	28	96.6%	10.2	22	78.6%	259	75.0%	39.3%
American Indian/ Alaska Native, only	1,268	0	0.0%	0.0	--	--	--	--	--
Asian, only	7,149	0	0.0%	0.0	--	--	--	--	--
Black, only	71,326	21	72.4%	29.4	15	71.4%	256	66.7%	33.3%
Native Hawaiian/Other Pacific Islander, only	196	0	0.0%	0.0	--	--	--	--	--
White, only	188,963	6	20.7%	3.2	***	***	***	***	***
Multiracial/Other	5,615	1	3.4%	17.8	***	***	***	***	***
TOTAL	284,501	29	100.0%	10.2	23	79.3%	256	75.9%	41.4%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	263,522	24	82.8%	9.1	19	79.2%	228	75.0%	37.5%
Foreign-born	14,589	1	3.4%	6.9	***	***	***	***	***
Africa	--	0	0.0%	--	--	--	--	--	--
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	1	3.4%	--	***	***	***	***	***
Other	--	0	0.0%	--	--	--	--	--	--
Unknown	--	4	13.8%	--	***	***	***	***	***
TOTAL	278,111	29	100.0%	10.4	23	79.3%	256	75.9%	41.4%

\* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

\*\* Population data by country of birth are from the 2011 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 12 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	138,279	10	76.9%	7.2	2.5	80.0%
Female	146,222	3	23.1%	2.1	***	***
TOTAL	284,501	13	100.0%	4.6	2.4	76.9%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	9,984	1	7.7%	10.0	***	***
Non-Hispanic	274,517	12	92.3%	4.4	2.6	75.0%
American Indian/ Alaska Native, only	1,268	0	0.0%	0.0	--	--
Asian, only	7,149	0	0.0%	0.0	--	--
Black, only	71,326	10	76.9%	14.0	3.1	70.0%
Native Hawaiian/Other Pacific Islander, only	196	0	0.0%	0.0	--	--
White, only	188,963	2	15.4%	1.1	***	***
Multiracial/Other	5,615	0	0.0%	0.0	--	--
TOTAL	284,501	13	100.0%	4.6	2.4	76.9%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	263,522	11	84.6%	4.2	2.8	72.7%
Foreign-born	14,589	1	7.7%	6.9	***	***
Africa	--	0	0.0%	--	--	--
Asia	--	0	0.0%	--	--	--
Caribbean	--	0	0.0%	--	--	--
Central America	--	1	7.7%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	1	7.7%	--	***	***
TOTAL	278,111	13	100.0%	4.7	2.4	76.9%

\* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

\*\* Population data by country of birth are from the 2011 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	138,279	138	60.0%	99.8	156	62.7%	112.8	294	61.4%	212.6	470
Female	146,222	92	40.0%	62.9	93	37.3%	63.6	185	38.6%	126.5	790
Total	284,501	230	100.0%	80.8	249	100.0%	87.5	479	100.0%	168.4	593

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	9,984	8	3.5%	80.1	9	3.6%	90.1	17	3.5%	170.3	587
Non-Hispanic	274,517	222	96.5%	80.9	240	96.4%	87.4	462	96.5%	168.3	594
American Indian/Alaska Native, only	1,268	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
Asian, only	7,149	1	0.4%	14.0	1	0.4%	14.0	2	0.4%	28.0	3,574
Black, only	71,326	164	71.3%	229.9	163	65.5%	228.5	327	68.3%	458.5	218
Native Hawaiian/Other Pacific Islander, only	196	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
White, only	188,963	55	23.9%	29.1	67	26.9%	35.5	122	25.5%	64.6	1,548
Multiracial/Other	5,615	2	0.9%	35.6	9	3.6%	160.3	11	2.3%	195.9	510
TOTAL	284,501	230	100.0%	80.8	249	100.0%	87.5	479	100.0%	168.4	593

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	263,522	212	92.2%	80.4	239	96.0%	90.7	451	94.2%	171.1	584
Foreign-born	14,589	9	3.9%	61.7	9	3.6%	61.7	18	3.8%	123.4	810
Africa	--	***	***	***	***	***	***	***	***	***	--
Asia	--	***	***	***	0	0.0%	--	***	***	***	--
Caribbean	--	0	0.0%	--	1	0.4%	--	1	0.2%	--	--
Central America	--	***	***	***	***	***	***	***	***	***	***
Other	--	4	1.7%	--	1	0.4%	--	5	1.0%	--	--
Unknown	--	9	3.9%	--	1	0.4%	--	10	2.1%	--	--
TOTAL	278,111	230	100.0%	82.7	249	100.0%	89.5	479	100.0%	172.2	580

\* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

\*\* Population data by country of birth are from the 2011 American Community Survey

\*\*\* Data withheld due to low population counts and/or case counts

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2011.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	294	109	37.1%	491	17.4%	13.8%	21.1%	47.7%
Female	185	55	29.7%	473	16.4%	21.8%	12.7%	49.1%
TOTAL	479	164	34.2%	488	17.1%	16.5%	18.3%	48.2%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	17	***	***	***	***	***	***	***
Non-Hispanic	462	160	34.6%	488	16.9%	16.9%	18.1%	48.1%
American Indian/ Alaska Native, only	0	--	--	--	--	--	--	--
Asian, only	2	***	***	***	***	***	***	***
Black, only	327	115	35.2%	498	13.9%	18.3%	18.3%	49.6%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	122	39	32.0%	449	20.5%	15.4%	20.5%	43.6%
Multiracial/Other	11	***	***	***	***	***	***	***
TOTAL	479	164	34.2%	488	17.1%	16.5%	18.3%	48.2%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	451	156	34.6%	497	16.7%	16.0%	17.9%	49.4%
Foreign-born	18	5	27.8%	434	20.0%	20.0%	20.0%	40.0%
Africa	4	***	***	***	***	***	***	***
Asia	1	0	0.0%	--	--	--	--	--
Caribbean	1	0	0.0%	--	--	--	--	--
Central America	7	***	***	***	***	***	***	***
Other	5	0	0.0%	--	--	--	--	--
Unknown	10	***	***	***	***	***	***	***
TOTAL	479	164	34.2%	488	17.1%	16.5%	18.3%	48.2%

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).



**Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	294	110	37.4%	70.9%	3,106
Female	185	50	27.0%	66.0%	45,242
TOTAL	479	160	33.4%	69.4%	4,631

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	17	5	29.4%	20.0%	44,075
Non-Hispanic	462	155	33.5%	71.0%	3,840
American Indian/ Alaska Native, only	0	--	--	--	--
Asian, only	2	***	***	***	***
Black, only	327	116	35.5%	69.8%	4,300
Native Hawaiian/ Other Pacific Islander, only	0	--	--	--	--
White, only	122	33	27.0%	78.8%	693
Multiracial/Other	11	***	***	***	***
TOTAL	479	160	33.4%	69.4%	4,631

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	451	150	33.3%	70.7%	4,696
Foreign-born	18	7	38.9%	57.1%	13,210
Africa	4	***	***	***	***
Asia	1	0	0.0%	--	--
Caribbean	1	***	***	***	***
Central America	7	***	***	***	***
Other	5	***	***	***	***
Unknown	10	***	***	***	***
TOTAL	479	160	33.4%	69.4%	4,631

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

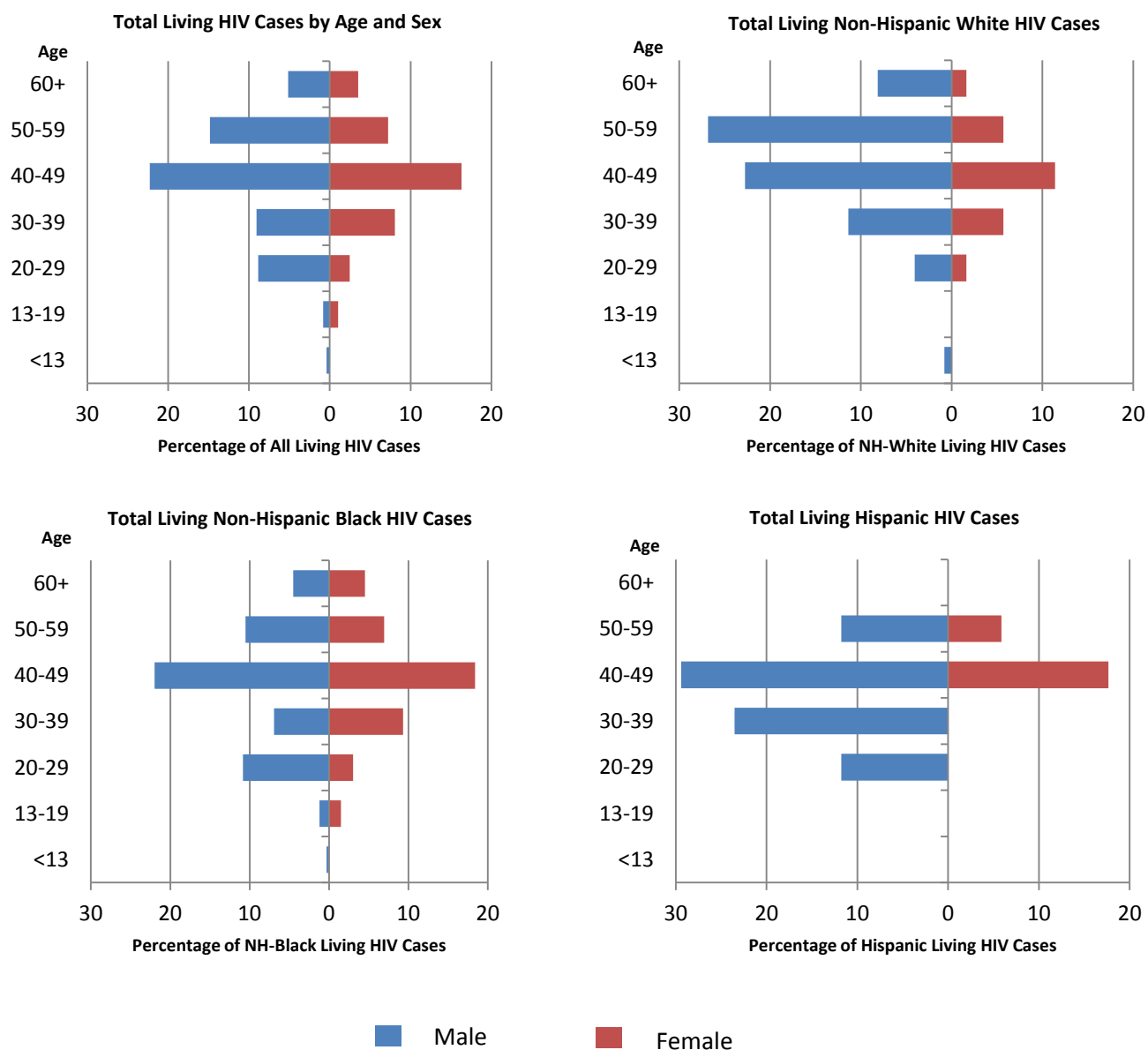
**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 400 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 400 copies per milliliter or greater.

## Section VI – HIV Cases by Expanded Demographics

**Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012**



**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012**

MALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	1,816	8,589	17,868	2,947	31,220
	Cases	0	1	1	0	2
	Rate	0.0	11.6	5.6	0.0	6.4
	Ratio (1 in X)	--	8,589	17,868	--	15,610
13-19	Population	889	5,497	11,108	1,346	18,840
	Cases	0	4	0	0	4
	Rate	0.0	72.8	0.0	0.0	21.2
	Ratio (1 in X)	--	1,374	--	--	4,710
20-29	Population	1,225	5,324	13,943	1,080	21,572
	Cases	2	36	5	0	43
	Rate	163.3	676.2	35.9	0.0	199.3
	Ratio (1 in X)	612	147	2,788	--	501
30-39	Population	1,115	5,090	12,475	1,024	19,704
	Cases	4	23	14	3	44
	Rate	358.7	451.9	112.2	293.0	223.3
	Ratio (1 in X)	278	221	891	341	447
40-49	Population	872	7,673	18,682	1,097	28,324
	Cases	***	73	28	***	108
	Rate	***	951.4	149.9	***	381.3
	Ratio (1 in X)	***	105	667	***	262
50-59	Population	565	5,239	18,039	879	24,722
	Cases	***	35	33	***	72
	Rate	***	668.1	182.9	***	291.2
	Ratio (1 in X)	***	149	546	***	343
60+	Population	324	4,426	19,645	722	25,117
	Cases	0	15	10	0	25
	Rate	0.0	338.9	50.9	0.0	99.5
	Ratio (1 in X)	--	295	1,964	--	1,004
TOTAL MALES BY RACE/ ETHNICITY	Population	6,806	41,838	111,760	9,095	169,499
	Cases	13	187	91	7	298
	Rate	191.0	447.0	81.4	77.0	175.8
	Ratio (1 in X)	523	223	1,228	1,299	568

\*\*\* Data withheld due to low population counts and/or case counts

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012**

FEMALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	1,820	8,309	17,182	2,836	30,148
	Cases	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	908	5,335	10,413	1,392	18,047
	Cases	0	5	0	0	5
	Rate	0.0	93.7	0.0	0.0	27.7
	Ratio (1 in X)	--	1,067	--	--	3,609
20-29	Population	1,066	5,519	13,373	1,296	21,254
	Cases	0	10	2	0	12
	Rate	0.0	181.2	15.0	0.0	56.5
	Ratio (1 in X)	--	551	6,686	--	1,771
30-39	Population	1,075	6,500	12,740	1,465	21,780
	Cases	0	31	7	1	39
	Rate	0.0	476.9	54.9	68.3	179.1
	Ratio (1 in X)	--	209	1,820	1,465	558
40-49	Population	941	9,116	19,084	1,624	30,765
	Cases	***	61	14	***	79
	Rate	***	669.2	73.4	***	256.8
	Ratio (1 in X)	***	149	1,363	***	389
50-59	Population	574	5,834	17,759	1,265	25,432
	Cases	***	23	7	***	35
	Rate	***	394.2	39.4	***	137.6
	Ratio (1 in X)	***	253	2,537	***	726
60+	Population	431	5,773	21,702	1,039	28,945
	Cases	0	15	2	0	17
	Rate	0.0	259.8	9.2	0.0	58.7
	Ratio (1 in X)	--	384	10,851	--	1,702
TOTAL FEMALES BY RACE/ ETHNICITY	Population	6,815	46,386	112,253	10,917	176,371
	Cases	4	145	32	6	187
	Rate	58.7	312.6	28.5	55.0	106.0
	Ratio (1 in X)	1,703	319	3,507	1,819	943

\*\*\* Data withheld due to low population counts and/or case counts

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2011.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

## Section VII – HIV Exposure Category

**Table 18 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012**

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	9	100.0%	66.7%	367	77.8%	44.4%
Men who have Sex with Men (MSM)	6	66.7%	50.0%	228	66.7%	50.0%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0.0%	--	0.0%	0.0%
Heterosexual Exposure (HET)	***	***	***	***	***	***
Other Exposures	0	0.0%	0.0%	--	0.0%	0.0%
No Reported Exposure	20		85.0%	256	75.0%	40.0%
TOTAL	29		79.3%	256	75.9%	41.4%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	***	***	***	***	***	***
Men who have Sex with Men (MSM)	6	100.0%	50.0%	228	66.7%	50.0%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--	--	--
Heterosexual Exposure (HET)	***	***	***	***	***	***
Other Exposures	0	0.0%	--	--	--	--
No Reported Exposure	17		82.4%	239	70.6%	41.2%
TOTAL	23		73.9%	228	69.6%	43.5%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	***	***	***	***	***	***
Injection Drug Users (IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***
Other Exposures	0	0.0%	--	--	--	--
No Reported Exposure	3		100.0%	473	100.0%	33.3%
TOTAL	6		100.0%	490	100.0%	33.3%

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 19 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012**

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	5	100.0%	5.0	60.0%
Men who have Sex with Men (MSM)	***	***	***	***
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	0	0.0%	--	--
Other Exposures	0	0.0%	--	--
No Reported Exposure	8		0.7	87.5%
TOTAL	13		2.4	76.9%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	***	***	***	***
Men who have Sex with Men (MSM)	***	***	***	***
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	0	0.0%	--	--
Other Exposures	0	0.0%	--	--
No Reported Exposure	6		0.0	100.0%
TOTAL	10		2.5	80.0%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	***	***	***	***
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	0	0.0%	--	--
Other Exposures	0	0.0%	--	--
No Reported Exposure	2		2.7	50.0%
TOTAL	3		1.8	66.7%

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.



**Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012**

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	102	100.0%	185	100.0%	287	100.0%
Men who have Sex with Men (MSM)	57	55.9%	71	38.4%	128	44.6%
Injection Drug Users (IDU)	12	11.8%	29	15.7%	41	14.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	6	2.1%
Heterosexual Exposure (HET)	30	29.4%	81	43.8%	111	38.7%
Other Exposures	***	***	***	***	1	0.3%
No Reported Exposure*	128		64		192	
TOTAL	230		249		479	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	76	100.0%	118	100.0%	194	100.0%
Men who have Sex with Men (MSM)	57	75.0%	71	60.2%	128	66.0%
Injection Drug Users (IDU)	***	***	***	***	24	12.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	6	3.1%
Heterosexual Exposure (HET)	9	11.8%	27	22.9%	36	18.6%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	62		38		100	
TOTAL	138		156		294	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	26	100.0%	67	100.0%	93	100.0%
Injection Drug Users (IDU)	***	***	***	***	17	18.3%
Heterosexual Exposure (HET)	21	80.8%	54	80.6%	75	80.6%
Other Exposures	***	***	***	***	1	1.1%
No Reported Exposure*	66		26		92	
TOTAL	92		93		185	

\* Includes 1 HIV cases without AIDS and 3 HIV cases with AIDS with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	11	100.0%	180	100.0%	83	100.0%
Men who have Sex with Men (MSM)	5	45.5%	70	38.9%	49	59.0%
Injection Drug Users (IDU)	0	0.0%	26	14.4%	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	79	43.9%	22	26.5%
Other Exposures	0	0.0%	***	***	0	0.0%
No Reported Exposure*	6		147		39	
TOTAL	17		327		122	

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	***	***	114	100.0%	64	100.0%
Men who have Sex with Men (MSM)	5	55.6%	70	61.4%	49	76.6%
Injection Drug Users (IDU)	0	0.0%	15	13.2%	7	10.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	25	21.9%	***	***
Other Exposures	0	0.0%	***	***	0	0.0%
No Reported Exposure	4		70		26	
TOTAL	13		184		90	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	***	***	66	100.0%	19	100.0%
Injection Drug Users (IDU)	0	0.0%	11	16.7%	***	***
Heterosexual Exposure (HET)	***	***	54	81.8%	***	***
Other Exposures	0	0.0%	1	1.5%	0	0.0%
No Reported Exposure*	2		77		13	
TOTAL	4		143		32	

\* Includes 1 Hispanic cases and 3 non-Hispanic black cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	287	106	36.9%	488	18.9%	15.1%	18.9%	47.2%
Men who have Sex with Men (MSM)	128	46	35.9%	513	21.7%	8.7%	17.4%	52.2%
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	111	43	38.7%	473	14.0%	18.6%	20.9%	46.5%
Other Exposures	1	0	0.0%	--	--	--	--	--
No Reported Exposure*	192	58	30.2%	484	13.8%	19.0%	17.2%	50.0%
TOTAL	479	164	34.2%	488	17.1%	16.5%	18.3%	48.2%

\* Includes 126 cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population counts and/or case counts

**Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	No.	Recent Viral Load Test Result				Median Unsuppressed
		No. with Test	% with Test	% Suppressed		
With Exposure	287	103	35.9%	68.9%		6,068
Men who have Sex with Men (MSM)	128	46	35.9%	78.3%		2,816
Injection Drug Users (IDU)	***	***	***	***		***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***		***
Heterosexual Exposure (HET)	111	42	37.8%	61.9%		29,226
Other Exposures	1	0	0.0%	--		--
No Reported Exposure*	192	57	29.7%	70.2%		1,000
TOTAL	479	160	33.4%	69.4%		4,631

\* Includes 126 cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

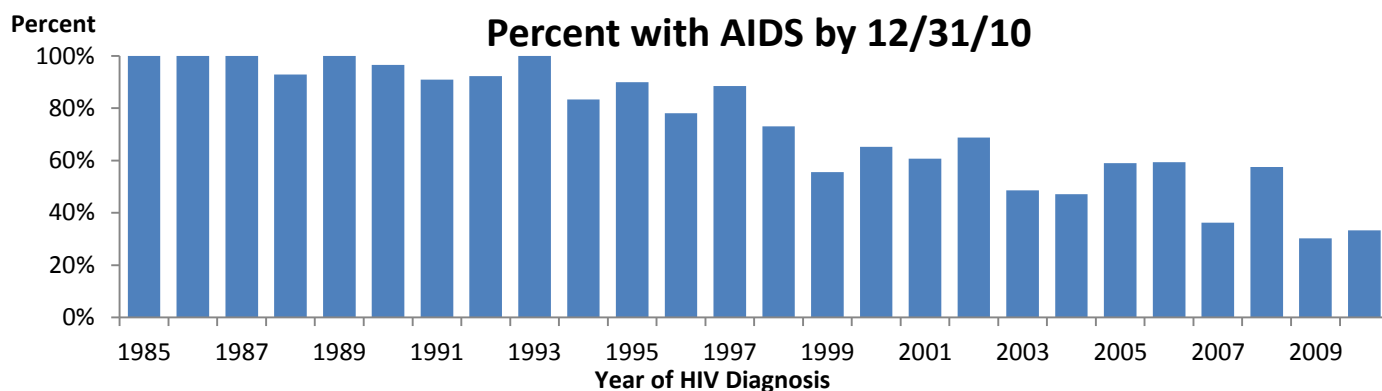
**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 400 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 400 copies per milliliter or greater.

## Section VIII – Disease Progression and Mortality

**Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2010, Reported through 12/31/2012**

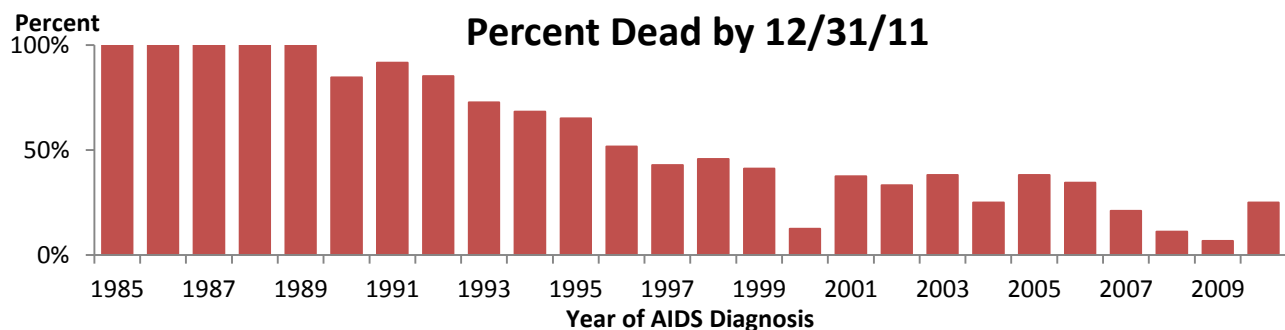
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2011, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	2	2	100.0%	10.0	50.0%	50.0%	50.0%	50.0%
1985	7	7	100.0%	8.4	28.6%	28.6%	42.9%	71.4%
1986	11	11	100.0%	5.4	45.5%	45.5%	54.5%	72.7%
1987	15	15	100.0%	6.0	40.0%	40.0%	53.3%	80.0%
1988	14	13	92.9%	2.6	57.1%	57.1%	71.4%	92.9%
1989	21	21	100.0%	2.1	61.9%	61.9%	85.7%	95.2%
1990	29	28	96.6%	3.1	41.4%	51.7%	72.4%	93.1%
1991	22	20	90.9%	2.4	54.5%	59.1%	72.7%	90.9%
1992	26	24	92.3%	1.4	69.2%	69.2%	88.5%	88.5%
1993	18	18	100.0%	1.3	83.3%	88.9%	94.4%	94.4%
1994	24	20	83.3%	2.4	58.3%	66.7%	66.7%	75.0%
1995	30	27	90.0%	2.9	46.7%	50.0%	70.0%	83.3%
1996	32	25	78.1%	1.7	53.1%	62.5%	68.8%	75.0%
1997	26	23	88.5%	2.2	65.4%	65.4%	69.2%	80.8%
1998	26	19	73.1%	1.2	61.5%	65.4%	65.4%	69.2%
1999	27	15	55.6%	1.5	40.7%	44.4%	48.1%	51.9%
2000	23	15	65.2%	3.1	26.1%	30.4%	47.8%	65.2%
2001	28	17	60.7%	0.8	50.0%	50.0%	60.7%	60.7%
2002	32	22	68.8%	1.2	53.1%	56.3%	65.6%	--
2003	35	17	48.6%	1.0	40.0%	40.0%	42.9%	--
2004	34	16	47.1%	0.5	41.2%	44.1%	47.1%	--
2005	39	23	59.0%	0.9	48.7%	48.7%	53.8%	--
2006	32	19	59.4%	0.7	50.0%	53.1%	56.3%	--
2007	47	17	36.2%	0.9	27.7%	29.8%	--	--
2008	40	23	57.5%	0.5	50.0%	52.5%	--	--
2009	33	10	30.3%	0.6	24.2%	24.2%	--	--
2010	36	12	33.3%	0.5	25.0%	--	--	--
<b>TOTAL</b>	<b>709</b>	<b>479</b>	<b>67.6%</b>	<b>2.0</b>	<b>46.7%</b>	<b>49.6%</b>	<b>58.0%</b>	<b>64.5%</b>

**Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2010, Reported through 12/31/2012**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2011 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2011, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012

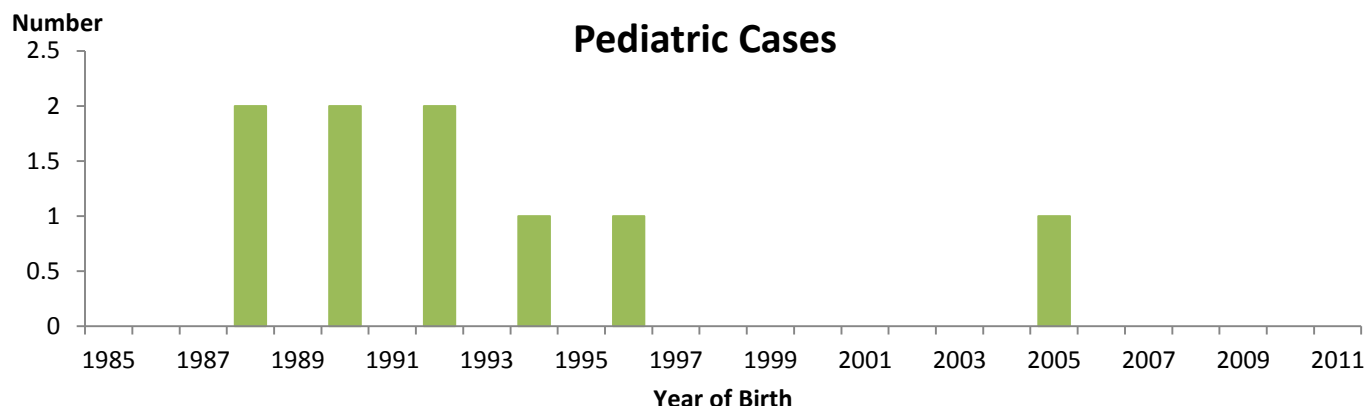


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	1	1	100.0%	0.0	0.0%	0.0%	0.0%	0.0%
1985	1	1	100.0%	2.9	100.0%	100.0%	0.0%	0.0%
1986	5	5	100.0%	1.1	40.0%	20.0%	0.0%	0.0%
1987	6	6	100.0%	2.5	50.0%	16.7%	16.7%	16.7%
1988	8	8	100.0%	2.3	62.5%	50.0%	12.5%	0.0%
1989	14	14	100.0%	2.1	85.7%	50.0%	0.0%	0.0%
1990	13	11	84.6%	3.6	76.9%	61.5%	38.5%	23.1%
1991	12	11	91.7%	2.4	83.3%	58.3%	16.7%	8.3%
1992	27	23	85.2%	3.0	85.2%	59.3%	22.2%	22.2%
1993	22	16	72.7%	1.7	72.7%	50.0%	31.8%	27.3%
1994	19	13	68.4%	3.2	89.5%	52.6%	47.4%	42.1%
1995	23	15	65.2%	3.1	73.9%	56.5%	52.2%	43.5%
1996	29	15	51.7%	4.9	86.2%	79.3%	72.4%	58.6%
1997	21	9	42.9%	5.3	81.0%	81.0%	81.0%	61.9%
1998	24	11	45.8%	5.2	83.3%	83.3%	79.2%	62.5%
1999	17	7	41.2%	4.1	88.2%	88.2%	70.6%	64.7%
2000	16	2	12.5%	4.1	100.0%	100.0%	87.5%	87.5%
2001	16	6	37.5%	2.7	87.5%	81.3%	68.8%	62.5%
2002	21	7	33.3%	2.3	85.7%	81.0%	71.4%	66.7%
2003	21	8	38.1%	2.0	81.0%	76.2%	66.7%	--
2004	16	4	25.0%	0.5	81.3%	75.0%	75.0%	--
2005	21	8	38.1%	2.2	81.0%	76.2%	66.7%	--
2006	29	10	34.5%	1.8	82.8%	82.8%	65.5%	--
2007	19	4	21.1%	1.1	84.2%	84.2%	--	--
2008	27	3	11.1%	0.9	92.6%	92.6%	--	--
2009	15	1	6.7%	0.2	93.3%	93.3%	--	--
2010	16	4	25.0%	0.5	81.3%	--	--	--
<b>TOTAL</b>	<b>459</b>	<b>223</b>	<b>48.6%</b>	<b>2.8</b>	<b>82.8%</b>	<b>73.0%</b>	<b>60.1%</b>	<b>54.7%</b>

## Section IX – Pediatric Cases

**Figure 11 – Trends in Pediatric HIV Cases, 1985-2011, Reported through 12/31/2012**

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2011, as Reported by Name through 12/31/2012



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	1	0	0	0	--
1985	0	0	0	0	0
1986	0	0	0	0	0
1987	0	0	0	0	0
1988	2	1	1	0	0
1989	0	0	0	0	0
1990	2	1	0	0	1
1991	0	0	0	0	1
1992	2	1	0	0	2
1993	0	0	0	0	2
1994	1	3	3	0	4
1995	0	0	0	1	3
1996	1	1	1	1	4
1997	0	0	0	0	4
1998	0	0	1	0	4
1999	0	0	0	1	3
2000	0	0	0	0	3
2001	0	0	0	0	4
2002	0	1	0	0	5
2003	0	0	0	0	5
2004	0	0	0	0	5
2005	1	1	0	0	6
2006	0	0	0	0	6
2007	0	1	0	0	7
2008	0	0	0	0	7
2009	0	0	0	0	7
2010	0	0	0	1	6
2011	0	0	1	0	6
TOTAL	10	10	7	4	--

**Table 24 – Pediatric HIV Diagnoses during 2011 and Pediatric Total Living HIV Cases, Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Calvert	0	0.0%	2	33.3%
Charles	0	0.0%	3	50.0%
Saint Mary's	0	0.0%	1	16.7%
REGION TOTAL	0	100.0%	6	100.0%

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 25 – Pediatric HIV Diagnosis during 2011 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012**

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	4	66.7%
Female	0	0.0%	2	33.3%
TOTAL	0	100.0%	6	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	0	0.0%
Non-Hispanic	0	0.0%	6	100.0%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	0	0.0%	5	83.3%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	1	16.7%
Multiracial/Other	0	0.0%	0	0.0%
TOTAL	0	100.0%	6	100.0%

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.